

TECHNICAL WORK MAY NOT BEGIN PRIOR TO CO APPROVAL

NASA/GODDARD SPACE FLIGHT CENTER

REQUEST FOR TASK PLAN / TASK ORDER

CONTRACTOR	CONTRACT NO./TASK NO.	JOB ORDER NUMBER	APPROP. FY
QSS Group, Inc.	NASS- 99124 TASK NO. 112 AMENDMENT	568-440-05-43-89	99

TASK TITLE: (NTE 80 characters; Include Project name)

XRS Detector Subsystem (XDS) Integration and Test

APPROVALS: (Type or print name and sign)

ASSISTANT TECHNICAL REPRESENTATIVE (OR TASK MONITOR)	DATE	ORG CODE	MAIL CODE	PHONE
Andrew Szymkowiak <i>Andrew E Szymkowiak</i>	7/8/99	662	662	301-286-3528
BRANCH HEAD	DATE	CODE		PHONE
Nicholas White <i>Nicholas White for</i>	7/9/99		662	301-286-8443
CONTRACTING OFFICER'S TECHNICAL REPRESENTATIVE (COTR)	DATE	CODE		PHONE
Robert S. Lehair, Jr. <i>Deborah A. Clark</i>	7/12/99		560	301-286-6382

FLIGHT HARDWARE, CRITICAL GSE OR SOFTWARE?
(IF YES, NEED CODE 303 CONCURRENCE NEXT BLOCK)

[] NO [X] YES

CONTRACTING OFFICER'S QUALITY REP.

See for L. Moore per telecon
Larry Moore

DESIGNATED FAM:

Ronald Kolecki

The contractor shall identify and explain the reason for any deviations, exceptions, or conditional assumptions taken with respect to this Task Order or to any of the technical requirements of the Task Order Statement of Work and related specifications. The contractor shall complete and submit the required Reps and Certs.

(To be completed by Contracting Officer)

C.O. Requested Quote on:

Date: JUL 22 1999

Contractor will develop specification or statement of work under this task for a future procurement. [X] NO [] YES

Flight hardware will be shipped to GSFC for testing prior to final delivery. [] NO [] YES [X] N/A

Government Furnished Property/Facilities: [] NO [X] YES - SEE LIST OF GFP (offsite only) / FACILITIES (onsite only)

Onsite Performance: [] NO [X] YES If yes: [X] TOTAL [] PARTIAL
If partial, indicate onsite work in SOW by asterisk (*)

Surveillance Plan Attached: [X] NO [] YES

Highlighted Contract Clauses: (to be completed by Contracting Officer)

Per Clause H.14, Task Ordering Procedure, subparagraph (f), the effective date of this task order shall be July 22, 1999.

INCENTIVE FEE STRUCTURE (check one)

(See Contract NASS-99124, Attachment K, Incentive Fee Plan)

	No. 1	No. 2	No. 3	No. 4	X No. 5
Cost	10%	50%	25%	25%	33%
Schedule	15%	25%	25%	50%	33%
Technical	75%	25%	50%	25%	34%

(To be completed by Contracting Officer)

The target cost of this task order is \$ 42,839.

The target fee of this task order is \$ 2,744.

The total target cost and target fee of this task order as contemplated by the Incentive Fee clause of this contract is \$ 45,583.

The maximum fee is \$ 4,012.

The minimum fee is \$0.

AUTHORIZED SIGNATURE:

THIS TASK ASSIGNMENT IS ISSUED ACCORDING TO THE CONTRACT CLAUSE "TASK ASSIGNMENTS AND REPORTS"

Lorrie L. Eakin
SIGNATURE OF CONTRACTING OFFICER

11/4/99
DATE

Lorrie L. Eakin
Contracting Officer

TYPED NAME OF CONTRACTING OFFICER

CONTRACTOR'S ACCEPTANCE:

AUTHORIZED SIGNATURE

DATE

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CONTRACT NO./TASK NO.

QSS Group, Inc.

NAS5-

99124

TASK NO.

112

AMENDMENT

Applicable paragraphs from contract Statement of Work:

STATEMENT OF WORK:

(Continue on blank paper if additional space is required)

The Integration and Test (I&T) contractor shall provide services for the I&T of the XDS Instrument Engineering (EM) electronics and/or the Flight (FM) electronics in Japan at either the Institute of Space and Astronautics (ISAS) in Sagamihara, Japan, or the Sumitomo Heavy Industries facility in Niihama, Japan. The contractor shall also provide services for the performance testing of the XRS/XDS instrument and integration of the XRS/XDS subsystem onto the ASTRO-E Spacecraft and support spacecraft level environmental, functional and performance testing. The I&T contractor shall operate and test the XRS/XDS Instrument during spacecraft integration and verification using an Advanced Spacecraft Integration and System Test (ASSIST) workstation and a spacecraft interface simulator (SIS).

The following specific activities are required:

a. The I&T contractor shall maintain Standard Test and Operations Language (STOL) procedures. This shall include XDS Instrument commanding, telemetry acquisition, verification and setup of telemetry page displays.

b. The I&T contractor shall maintain operating procedures for STOL, ASSIST, SIS and XDS that ensure the safe and proper operation of these systems.

c. The I&T contractor shall maintain electrical integration and testing plans and procedures to be used during the instrument level integration effort. Integration plans and procedures to be maintained during (approx. dates): (Some preparations activities may be required prior to travel dates.)

XRS/XDS functional performance testing at SHI: August 25 - September 8, 1999

Spacecraft-Dewar post-vibration functional checkout at ISAS: October 5-19, 1999

The electrical technician contractor shall provide services for the modification of any XDS flight harness on the Instrument or the Spacecraft. Timeframes for potential harness modifications:

At SHI: August 7-15, 1999

At ISAS: October 8-15, 1999

GFP: Both the ASSIST workstation and SIS shall be GSE onsite and available for contractor use.

PERFORMANCE SPECIFICATIONS:

XDS to Neon Dewar ICD (XDS-ICD-704-001)

ASTRO-E S/C to XDS/XRS ICD (XRS-ICD-704-003)

APPLICABLE DOCUMENTS:

Same as above

TASK END DATE:

1/30/00

MILESTONES/DELIVERABLES AND DATES:

Update of XRS/XRS functional performance test plans and procedures by September 8, 1999.

Update of XRS-S/C verification and performance test plans & procedures by October 19, 1999.

PERFORMANCE STANDARDS:

Schedule: On-time delivery/completion of the above milestones/deliverables.

Technical: XDS I&T Manager and/or XDS Systems Engineer acceptance of the above.

FINAL DELIVERY DESTINATION (NAME, BLDG, ROOM):

Andrew Szymkowiak, building 2, room S201